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WHAT IS CLAIMED IS:

- 1 \(\)\. A method, comprising:
- obtaining a semi-permeable container having a polymeric external surface;

 obtaining a metallic layer;
- 4 \quad \quad \text{placing the metallic layer against the external surface; and
- 5 melting at least a portion of the external surface beneath the metallic layer.
- 1 2. The method of claim 1, wherein the semi-permeable container includes a
- 2 plastic bottle.
- 1 3. The method of claim 1, wherein the semi-permeable container includes a
- 2 plastic pharmaceutical bottle.
- 1 4. The method of claim 1 wherein the semi-permeable container includes an
- 2 IV bag.
- 1 5. The method of claim 1, wherein the semi-permeable container includes a
- 2 plastic-wrapped food package.
- 1 6. The method of claim 1, further comprising coupling a printed layer onto the
- 2 metallic layer.
- 1 7. The method of claim 1, wherein the metallic layer includes metallized
- 2 polyester.

A safe container, comprising:

a semi-permeable container having a polymeric external surface; and a metallic layer bonded directly to the external surface.

- 1 9. The safe container of claim 8, further comprising a printed layer coupled
- 2 onto the metallic layer.
- 1 10. The safe container of claim 8, wherein the metallic layer includes
- 2 metallized polyester.

1 11\ A method, comprising:

obtaining a semi-permeable container having an external surface;

obtaining a metallic layer;

placing polymeric material between the external surface and the metallic

5 layer; and

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melting at least a portion of the polymeric material.

1 12. The method of claim 11, wherein the semi-permeable container includes a

2 plastic bottle.

1 13. The method of claim 11, wherein the semi-permeable container includes a

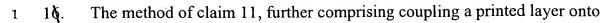
2 pharmaceutical boltle.

1 14. The method of claim 11, wherein the semi-permeable container includes an

2 IV bag.

1 15. The method of claim \1, wherein the semi-permeable container includes a

2 food package.



- 2 the metallic layer.
- 1 17. The method of claim 11, wherein the melting temperature of the polymeric
- 2 material is less than the melting temperature of the semi-permeable container.
- 1 18. The method of claim 11, wherein the metallic layer includes metallized
- 2 polyester

1 19. A safe container, comprising:

a semi-permeable container having an external surface;

polymeric material bonded to the external surface; and

a metallic layer bonded to the polymeric material.

1 20. The safe container of claim 19, further comprising a printed layer coupled

2 to the metallic layer.

1 21. The safe container of claim 19, wherein the metallic layer includes

2 polyester.

A method, comprising:

obtaining a semi-permeable container having an external surface and having

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a metallic layer bonded to the external surface; and

coupling a printed layer to the metallic layer.

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